

**REMARKS****I. Introduction**

Claims 1-37 are pending. Each of the independent claims have been amended in a manner consistent with the agreement reached during a December 14, 2006 in person interview discussed below. In view of the amendments to claim 1, claim 2 has been amended and the claims which previously depended from claim 2 have been rewritten to depend from claim 1. Amendments to various other claims have been made to clarify the claims given the amendment to the independent claims which was agreed to and implemented in this amendment.

Applicants' undersigned representative thanks the Examiner for the courtesy of the December 14, 2006 interview. In view of the current amendment, it is respectfully submitted that the pending claims, are in condition for allowance.

**II. Interview Summary**

This statement of the substance of the interview summarizes the issues discussed during the December 14, 2006 in person interview. This Interview Summary is presented in the format suggested by the Patent Office.

1. Date of Interview: December 14, 2006
2. Type of Interview: In Person
3. Name of Participants:  
Examiner: Stephen H. D. Nguyen

Applicants' Rep: Michael P. Straub  
Inventor: Junyi Li

4. Exhibit(s) Shown: None

5. Claims discussed: 1-37

6. References Discussed:

WO 99/41871

US Patent No. 7,010,048

U.S. Patent 5,838,268

7. Proposed Amendments discussed:

Applicants proposed amending the independent claims to recite an element such as, e.g., performing, after performing said frequency domain to time domain transform operation a channel equalization operation, to the independent claims in order to overcome the applied references.

8. Discussion of General Thrust of the Principal Arguments

Applicant's representative argued that applied references did not teach, disclose or suggest performing a channel equalization operation after performing said frequency domain to time domain transform and that amending the claims as done herein would patentably distinguish over the applied references.

9. Other Pertinent Matters Discussed: None

10. General Results/Outcome of Interview

The Examiner agreed that amending the claims as done herein would overcome the outstanding rejections.

**III. Conclusion**

Claims 1-37 are pending. Each of the independent claims ha been amended in a manner that was agreed would overcome the outstanding rejections. Each of the dependent claims is patentable for the same reasons the independent claim from which they depend are patentable. None of the claims are anticipated or rendered obvious by the prior art of record. Accordingly, the application is now in condition for allowance.

If there are any outstanding issues which need to be resolved to place the application in condition for allowance the Examiner is invited to contact Applicants' undersigned representative by phone to discuss and hopefully resolve said issues. To the extent necessary, a petition for extension of time under 37 C.F.R. 1.136 is hereby made and any required fee is authorized to be charged to the deposit account of Straub & Pokotylo, deposit account number 50-1049.

None of the statements or discussion made herein or during the summarized interview are intended to be an admission that any of the applied references are prior art to the present application and Applicants preserve the right to establish that one or more of the applied references are not prior art.

Respectfully submitted,

January 16, 2007

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CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper (and any accompanying paper(s)) is being facsimile transmitted to the United States Patent Office on the date shown below.

Michael P. Straub

Type or print name of person signing certification

Michael P. Straub  
Signature

January 16, 2007

Date